ELSEVIER

Hearing Research 107 (1997) 166–167

HEARING RESEARCH

Author Index Volume 107

Albuisson, E., see Jalenques, I. (107) 113
Arnold, W., see Oestreicher, E. (107) 46
Avan, P., see Magnan, P. (107) 41

Battaglia, A., see Kachar, B. (107) 102
Berggren, D., Frenz, D., Galinovic-Schwartz, V. and Van De Water, T.R.
Fine structure of extracellular matrix and basal laminae in two types of abnormal collagen production: L-proline analog-treated otocyst cultures and disproportionate micromelia (*Dmm/Dmm*) mutants (107) 125
Burette, A., see Jalenques, I. (107) 113

Carey, T.E., see Nair, T.S. (107) 93
Collet, L., see Lina-Granade, G. (107) 83

Dancer, A., see Magnan, P. (107) 41
DeMott, J., see Salt, A.N. (107) 29
Ding, D., see Wang, J. (107) 67
Ding, D.-L., see Zheng, X.-Y. (107) 147

Ehrenberger, K., see Oestreicher, E. (107) 46

Felix, D., see Oestreicher, E. (107) 46
Fex, J., see Kachar, B. (107) 102
Frenz, D., see Berggren, D. (107) 125

Galinovic-Schwartz, V., see Berggren, D. (107) 125
Gopen, Q., Rosowski, J.J. and Merchant, S.N.
Anatomy of the normal human cochlear aqueduct with functional implications (107) 9
Gray, J., see Nair, T.S. (107) 93

Henderson, D., see Zheng, X.-Y. (107) 147
Hidaka, H., see Ikeda, K. (107) 1
Hofstetter, P., see Wang, J. (107) 67
Hu, B.-H., see Zheng, X.-Y. (107) 147
Hudson, R.R., see Watson, G.M. (107) 53

Ikeda, K., Oshima, T., Hidaka, H. and Takasaka, T.
Molecular and clinical implications of loop diuretic ototoxicity (107) 1

Jalenques, I., Burette, A., Albuisson, E. and Romand, R.
Age-related changes in GFAP-immunoreactive astrocytes in the rat ventral cochlear nucleus (107) 113

Kachar, B., Battaglia, A. and Fex, J.
Compartmentalized vesicular traffic around the hair cell cuticular plate (107) 102

Lautermann, J., and ten Cate, W.-J.F.
Postnatal expression of the α-thyroid hormone receptor in the rat cochlea (107) 23
Lina-Granade, G., Liogier, X. and Collet, L.
Contralateral suppression and stimulus rate effects on evoked otoacoustic emissions (107) 83
Liogier, X., see Lina-Granade, G. (107) 83

Magnan, P., Avan, P., Dancer, A., Smurzynski, J. and Probst, R.
Reverse middle-ear transfer function in the guinea pig measured with cubic difference tones (107) 41
McFadden, S.L., see Zheng, X.-Y. (107) 147
Merchant, S.N., see Gopen, Q. (107) 9
Miller, J.M., see Nair, T.S. (107) 93
Mire, P., see Watson, G.M. (107) 53
Mori, A., see Nair, T.S. (107) 93

Nair, T.S., Prieskorn, D.M., Miller, J.M., Mori, A., Gray, J. and Carey, T.E.
In vivo binding and hearing loss after intracochlear infusion of KHRI-3 antibody (107) 93

Oestreicher, E., Arnold, W., Ehrenberger, K. and Felix, D.
Dopamine regulates the glutamatergic inner hair cell activity in guinea pigs (107) 46
Oshima, T., see Ikeda, K. (107) 1

Powers, N.L., see Wang, J. (107) 67
Prieskorn, D.M., see Nair, T.S. (107) 93
Probst, R., see Magnan, P. (107) 41

Romand, R., see Jalenques, I. (107) 113
Rosowski, J.J., see Gopen, Q. (107) 9

Salt, A.N., and DeMott, J.
Longitudinal endolymph flow associated with acute volume increase in the guinea pig cochlea (107) 29
Salvi, R., see Wang, J. (107) 67
Smurzynski, J., see Magnan, P. (107) 41
Spatz, W.B.,
Differences between guinea pig and rat in the dorsal cochlear nucleus: expression of calcium-binding proteins by cartwheel and Purkinje-like cells (107) 136

Takasaka, T., see Ikeda, K. (107) 1
ten Cate, W.-J.F., see Lautermann, J. (107) 23
Trautwein, P., see Wang, J. (107) 67

Van De Water, T.R., see Berggren, D. (107) 125

Wang, J., Powers, N.L., Hofstetter, P., Trautwein, P., Ding, D. and Salvi, R.
Effects of selective inner hair cell loss on auditory nerve fiber threshold, tuning and spontaneous and driven discharge rate (107) 67

Watson, G.M., Mire, P. and Hudson, R.R.
Hair bundles of sea anemones as a model system for vertebrate hair bundles (107) 53

Zheng, X.-Y., Henderson, D., Hu, B.-H., Ding, D.-L. and McFadden, S.L.
The influence of the cochlear efferent system on chronic acoustic trauma (107) 147

ELSEVIER

Hearing Research 107 (1997) 168–170

HEARING RESEARCH

Subject Index Volume 107

Adaptation
Otoacoustic emission; Stimulus rate; Pseudorandom pulse train; Maximum length sequence; Olivo-cochlear bundle; Efferent system; Contralateral stimulation (Lina-Granade, G. (107) 83)

Aging
Glia; Intermediate filament; Central auditory system (Jalenques, I. (107) 113)

Amiloride
Sea anemone; Hair bundle; Tip link; Streptomycin (Watson, G.M. (107) 53)

Apical membrane recycling
Hair cell; Cuticular plate; Vesicular traffic; Bullfrog macula (Kachar, B. (107) 102)

Auditory brain stem response
Guinea pig; Organ of Corti; Hair cell loss; Monoclonal antibody to supporting cells (Nair, T.S. (107) 93)

Auditory nerve
Inner hair cell; Out hair cell; Carboplatin; Ototoxicity; Chinchilla (Wang, J. (107) 67)

Auditory system
Species difference; Cochlear nucleus; Immunohistochemistry; Calbindin; Parvalbumin (Spatz, W.B. (107) 136)

Basal lamina
Otic anlage; Collagen; Extracellular matrix; L-Azetidine-2-carboxylic acid; Disproportionate micromelia mouse (Berggren, D. (107) 125)

Bullfrog macula
Hair cell; Cuticular plate; Vesicular traffic; Apical membrane recycling (Kachar, B. (107) 102)

Calbindin
Species difference; Cochlear nucleus; Auditory system; Immunohistochemistry; Parvalbumin (Spatz, W.B. (107) 136)

Carboplatin
Inner hair cell; Out hair cell; Auditory nerve; Ototoxicity; Chinchilla (Wang, J. (107) 67)

Central auditory system
Glia; Aging; Intermediate filament (Jalenques, I. (107) 113)

Chinchilla
Inner hair cell; Out hair cell; Auditory nerve; Carboplatin; Ototoxicity (Wang, J. (107) 67)

Cloning
Loop diuretics; Ototoxicity; Na-K-Cl cotransporter; Ion transport (Ikeda, K. (107) 1)

Cochlea
Thyroid hormone receptor; Immunohistochemistry (Lautermann, J. (107) 23)

Endolymph; Endolymphatic hydrops; Endolymph flow (Salt, A.N. (107) 29)

Noise-induced hearing loss; Cubic distortion tone; Cochlear mechanics; Hair cell loss (Zheng, X.-Y. (107) 147)

Cochlear mechanics
Cochlear de-efferentation; Noise-induced hearing loss; Cubic distortion tone; Hair cell loss (Zheng, X.-Y. (107) 147)

Cochlear nucleus
Species difference; Auditory system; Immunohistochemistry; Calbindin; Parvalbumin (Spatz, W.B. (107) 136)

Collagen
Otic anlage; Extracellular matrix; Basal lamina; L-Azetidine-2-carboxylic acid; Disproportionate micromelia mouse (Berggren, D. (107) 125)

Contralateral stimulation
Otoacoustic emission; Stimulus rate; Pseudorandom pulse train; Maximum length sequence; Adaptation; Olivo-cochlear bundle; Efferent system (Lina-Granade, G. (107) 83)

Cubic difference tone
Distortion product otoacoustic emission; Intracochlear pressure measurement (Magnan, P. (107) 41)

Cubic distortion tone
Cochlear de-efferentation; Noise-induced hearing loss; Cochlear mechanics; Hair cell loss (Zheng, X.-Y. (107) 147)

Cuticular plate
Hair cell; Vesicular traffic; Apical membrane recycling; Bullfrog macula (Kachar, B. (107) 102)

Disproportionate micromelia mouse
Otic anlage; Collagen; Extracellular matrix; Basal lamina; L-Azetidine-2-carboxylic acid (Berggren, D. (107) 125)

Distortion product otoacoustic emission
Cubic difference tone; Intracochlear pressure measurement (Magnan, P. (107) 41)

Dopamine
Efferent auditory system; Dopamine receptor; Iontophoretic technique; Guinea pig (Oestreicher, E. (107) 46)

Efferent auditory system; Dopamine; Iontophoretic technique; Guinea pig (Oestreicher, E. (107) 46)

Efferent auditory system
Dopamine; Dopamine receptor; Iontophoretic technique; Guinea pig (Oestreicher, E. (107) 46)

Efferent system
Otoacoustic emission; Stimulus rate; Pseudorandom pulse train; Maximum length sequence; Adaptation; Olivo-cochlear bundle; Contralateral stimulation (Lina-Granade, G. (107) 83)

Endolymph
Endolymphatic hydrops; Endolymph flow; Cochlea (Salt, A.N. (107) 29)

Endolymph flow; Endolymphatic hydrops; Cochlea (Salt, A.N. (107) 29)

Endolymphatic hydrops
Endolymph; Endolymph flow; Cochlea (Salt, A.N. (107) 29)

Extracellular matrix
Otic anlage; Collagen; Basal lamina; L-Azetidine-2-carboxylic acid; Disproportionate micromelia mouse (Berggren, D. (107) 125)

Glia
Aging; Intermediate filament; Central auditory system (Jalenques, I. (107) 113)

Guinea pig
Efferent auditory system; Dopamine; Dopamine receptor; Iontophoretic technique (Oestreicher, E. (107) 46)

Organ of Corti; Hair cell loss; Monoclonal antibody to supporting cells; Auditory brain stem response (Nair, T.S. (107) 93)

Hair bundle
Sea anemone; Tip link; Streptomycin; Amiloride (Watson, G.M. (107) 53)

Hair cell
Cuticular plate; Vesicular traffic; Apical membrane recycling; Bullfrog macula (Kachar, B. (107) 102)

Guinea pig; Organ of Corti; Monoclonal antibody to supporting cells; Auditory brain stem response (Nair, T.S. (107) 93)

Cochlear de-efferentation; Noise-induced hearing loss; Cubic distortion tone; Cochlear mechanics (Zheng, X.-Y. (107) 147)

Histologic section
Temporal bone; Quantitative model analysis (Gopen, Q. (107) 9)

Immunohistochemistry
Thyroid hormone receptor; Cochlea (Lautermann, J. (107) 23)

Species difference; Cochlear nucleus; Auditory system; Calbindin; Parvalbumin (Spatz, W.B. (107) 136)

Inner hair cell
Out hair cell; Auditory nerve; Carboplatin; Ototoxicity; Chinchilla (Wang, J. (107) 67)

Intermediate filament
Glia; Aging; Central auditory system (Jalenques, I. (107) 113)

Intracochlear pressure measurement
Cubic difference tone; Distortion product otoacoustic emission (Magnan, P. (107) 41)

Ion transport
Loop diuretics; Ototoxicity; Na-K-Cl cotransporter; Cloning (Ikeda, K. (107) 1)

Iontophoretic technique
Efferent auditory system; Dopamine; Dopamine receptor; Guinea pig (Oestreicher, E. (107) 46)

L-Azetidine-2-carboxylic acid
Otic anlage; Collagen; Extracellular matrix; Basal lamina; Disproportionate micromelia mouse (Berggren, D. (107) 125)

Loop diuretics
Ototoxicity; Na-K-Cl cotransporter; Cloning; Ion transport (Ikeda, K. (107) 1)

Maximum length sequence
Otoacoustic emission; Stimulus rate; Pseudorandom pulse train; Adaptation; Olivo-cochlear bundle; Efferent system; Contralateral stimulation (Lina-Granade, G. (107) 83)

Monoclonal antibody to supporting cells
Guinea pig; Organ of Corti; Hair cell loss; Auditory brain stem response (Nair, T.S. (107) 93)

Na-K-Cl cotransporter
Loop diuretics; Ototoxicity; Cloning; Ion transport (Ikeda, K. (107) 1)

Noise-induced hearing loss
Cochlear de-efferentation; Cubic distortion tone; Cochlear mechanics; Hair cell loss (Zheng, X.-Y. (107) 147)

Olivo-cochlear bundle
Otoacoustic emission; Stimulus rate; Pseudorandom pulse train; Maximum length sequence; Adaptation; Efferent system; Contralateral stimulation (Lina-Granade, G. (107) 83)

Organ of Corti
Guinea pig; Hair cell loss; Monoclonal antibody to supporting cells; Auditory brain stem response (Nair, T.S. (107) 93)

Otic anlage
Collagen; Extracellular matrix; Basal lamina; L-Azetidine-2-carboxylic acid; Disproportionate micromelia mouse (Berggren, D. (107) 125)

Otoacoustic emission
Stimulus rate; Pseudorandom pulse train; Maximum length sequence; Adaptation; Olivo-cochlear bundle; Efferent system; Contralateral stimulation (Lina-Granade, G. (107) 83)

Ototoxicity
Loop diuretics; Na-K-Cl cotransporter; Cloning; Ion transport (Ikeda, K. (107) 1)

Inner hair cell; Out hair cell; Auditory nerve; Carboplatin; Chinchilla (Wang, J. (107) 67)

Out hair cell
Inner hair cell; Auditory nerve; Carboplatin; Ototoxicity; Chinchilla (Wang, J. (107) 67)

Parvalbumin
Species difference; Cochlear nucleus; Auditory system; Immunohistochemistry; Calbindin (Spatz, W.B. (107) 136)

Pseudorandom pulse train
Otoacoustic emission; Stimulus rate; Maximum length sequence; Adaptation; Olivo-cochlear bundle; Efferent system; Contralateral stimulation (Lina-Granade, G. (107) 83)

Quantitative model analysis
Temporal bone; Histologic section (Gopen, Q. (107) 9)

Sea anemone
Hair bundle; Tip link; Streptomycin; Amiloride (Watson, G.M. (107) 53)

Species difference
Cochlear nucleus; Auditory system; Immunohistochemistry; Calbindin; Parvalbumin (Spatz, W.B. (107) 136)

Stimulus rate
Otoacoustic emission; Pseudorandom pulse train; Maximum length sequence; Adaptation; Olivo-cochlear bundle; Efferent system; Contralateral stimulation (Lina-Granade, G. (107) 83)

Streptomycin
Sea anemone; Hair bundle; Tip link; Amiloride (Watson, G.M. (107) 53)

Temporal bone
Histologic section; Quantitative model analysis (Gopen, Q. (107) 9)

Thyroid hormone receptor
Immunohistochemistry; Cochlea (Lautermann, J. (107) 23)

Tip link
Sea anemone; Hair bundle; Streptomycin; Amiloride (Watson, G.M. (107) 53)

Vesicular traffic
Hair cell; Cuticular plate; Apical membrane recycling; Bullfrog macula (Kachar, B. (107) 102)